

**PATENT**  
Atty. Dkt. No. LCNT/124304  
Serial No. 10/779,469  
Page 8 of 9

**REMARKS**

This is intended as a full and complete response to the Restriction Requirement mailed March 27, 2006, having a shortened statutory period for response set to expire on April 27, 2006.

Claims 1-27 are pending in the application of which claims 10-12, 20, and 21 are withdrawn from consideration and claims 1-9, 13-19, and 22-27 are subject to restriction and/or election requirement.

The Examiner finds that the application contains claims directed to the following patentably distinct species of the claimed inventions:

A. Claims 7, 18: adjusting wavelength of the laser diode by controlling the current to the laser.

B. Claims 8, 9, 19: adjusting wavelength of the laser diode by controlling the temperature of the laser.

Applicants are required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, claims 1-6, 13-17, and 22-27 are generic.

Applicants provisionally elect the claims of Group A with traverse. Applicants respectfully request reconsideration of the restriction requirement, and request that the restriction requirement be withdrawn for at least the reason that the claims depend from generic independent claims.

To the extent this restriction requirement is maintained by the Examiner, Applicants reserve the right to subsequently file a divisional application in order to prosecute the invention recited in the non-elected group of claims.

As such and because of the above traversal, Applicants respectfully submit that the Right of Petition under 37 CFR §1.144 has been preserved.

**PATENT**  
Atty. Dkt. No. LCNT/124304  
Serial No. 10/779,469  
Page 9 of 9

**CONCLUSION**

Applicants believe that all claims presently pending in this application are in condition for allowance. If however, the Examiner believes that there are any unresolved issues requiring adverse final action in any of the claims now pending in the application, it is requested that the Examiner telephone Eamon J. Wall at (732) 530-9404 so that appropriate arrangements can be made for resolving such issues as expeditiously as possible.

Respectfully submitted,

3/30/06

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